

## 2 Channel 0/1-10V LED Dimming Driver

- 2 channel 0/1-10V LED dimming driver, 2 channel PWM constant voltage output.
- For dual color control, the two 0/1-10V input can be set as warm white and cool white dimming respectively, or one for brightness adjust and the other for color temperature adjust.
- 0~100% dimming range, linear or logarithmic dimming curve selectable.
- Compatible with active or passive 0-10V, 1-10V dimmer, can solve the fluorescent lamp dimming system compatible with LED lighting.

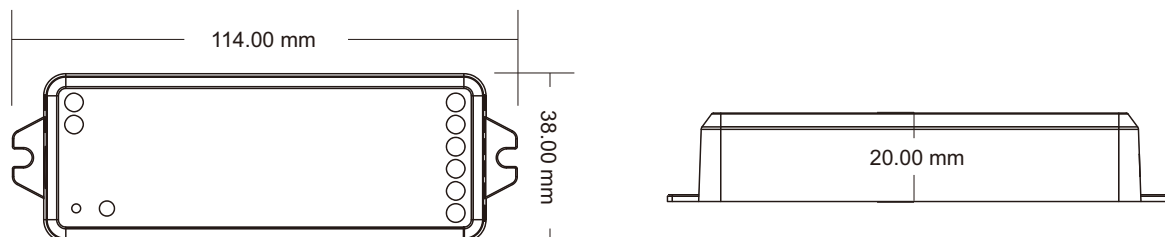
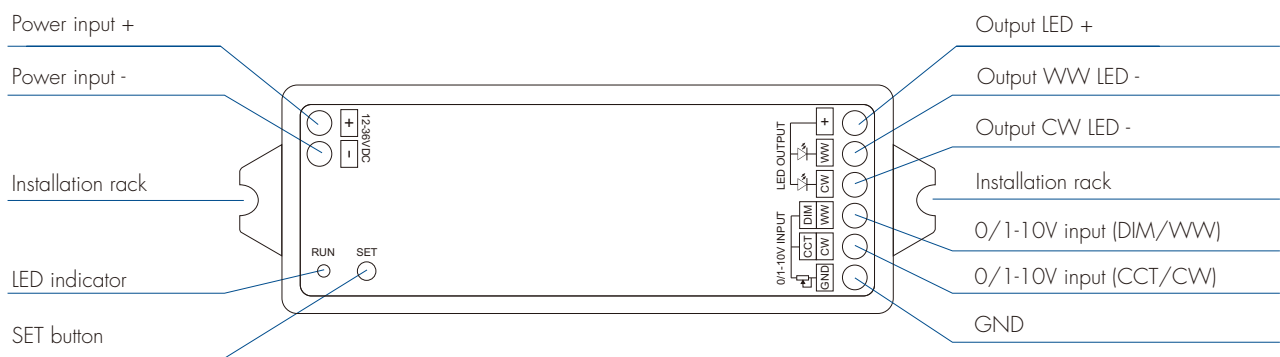


CE RoHS emc LVD

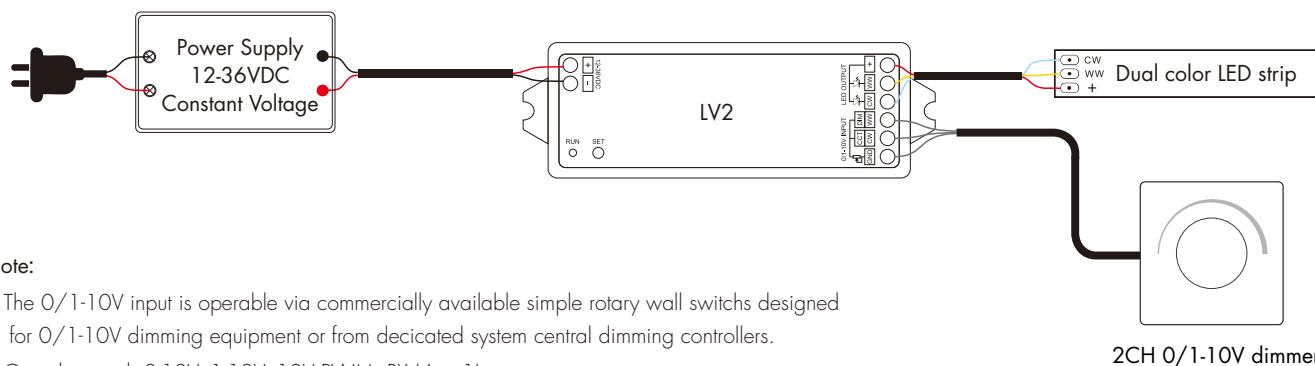
### Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	12-36VDC	Input signal	0/1-10V	EMC standard (EMC)	EN IEC 55015:2019+A11:2020
Input current	10.5A	Dimming range	0-100%		EN 61547:2009
Output voltage	12-36VDC	Dimming curve	linear(default)		EN IEC 61000-3-2:2019+A11:2021
Output current	2CH,5A/CH	PWM Frequency	2KHz	Safety standard(LVD)	EN 61000-3-3:2013+A11:2019
Output power	2 x (60-180)W	<b>Environment</b>			EN 61347-1:2015+A1:2021
Output type	Constant voltage	Operation temperature	Ta: -30°C ~ +55°C	EN 61347-2-13:2014+A1:2017	Certification
<b>Warranty and Protection</b>		Case temperature(Max.)	Tc: +85°C	<b>Package</b>	
Warranty	5 years	IP rating	IP20	Size	L120 x W43 x H27mm
Protection	Reverse polarity			Gross weight	0.066kg

### Mechanical Structures and Installations



## Wiring Diagram



### Note:

- The 0/1-10V input is operable via commercially available simple rotary wall switches designed for 0/1-10V dimming equipment or from dedicated system central dimming controllers.
- Compliant with 0-10V, 1-10V, 10V PWM, RX (4 in 1).
- We recommend the number of LED drivers connected to 0/1-10V dimmer does not exceed 50 pieces, The maximum length of the wires from dimmer to LED driver should be no more than 50 meters.

## Key function

Press the SET button to switch two dimming mode:

Press and hold the SET button for 2s, the RUN indicator will flash once, set DIM+CCT dimming mode, DIM dimming input for brightness adjust, CCT dimming input for color temperature adjust (factory setting).

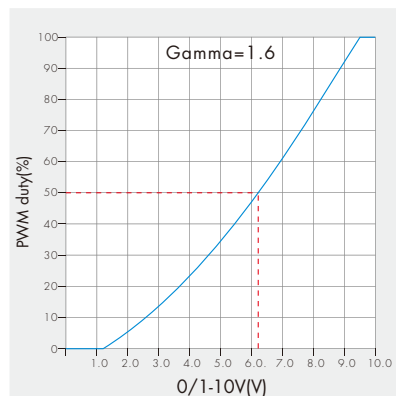
Press and hold the SET button for 5s, the RUN indicator will flash twice, set WW+CW dimming mode, WW dimming input for WW LED channel brightness adjust, CW dimming input for CW channel brightness adjust.

### Note:

- Press and hold the SET button for 10s, RUN indicator flashes 3 times, restore factory settings (linear dimming, DIM+CCT dimming mode).
- Press and hold the SET button for 15s, RUN indicator flashes 4 times, set logarithmic dimming.

## Dimming Curve

0/1-10V dimming



0/1-10V CCT

